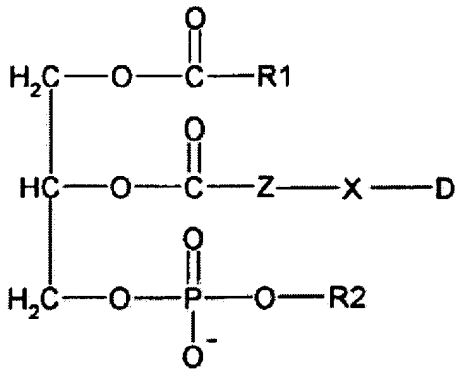
IN THE CLAIMS

The listing of claims below will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A compound of the general formula I



Formula I

or a pharmaceutically acceptable salt thereof, wherein:

R1 is a saturated or unsaturated hydrocarbon chain having from 2 to 30 carbon atoms;

R2 is a phospholipid head group;

D is a residue of ibuprofen,

wherein D is attached through a functional group to a bridging group, -C(O)-Z-X- , wherein Z is a saturated or unsaturated hydrocarbon chain having from 2 to 15 carbon atoms, and X is an amino group.

2. (Previously Presented) The compound according to claim 1, wherein the conjugated residue of ibuprofen is pharmacologically inactive.

3. (Original) The compound according to claim 1, wherein an ester bond at position sn-2 of the phospholipid of the general formula I is cleaveable by a lipase.

4. (Original) The compound according to claim 3, wherein said lipase is a phospholipase.

5. (Original) The compound according to claim 4, wherein said phospholipase is phospholipase A_2 (PLA_2).

6. (Original) The compound according to claim 1, wherein R1 is an hydrocarbon chain having from 10 to 20 carbon atoms.

7. (Original) The compound according to claim 1, wherein R1 is an hydrocarbon chain having 15 or 17 carbon atoms.

8. (Canceled)

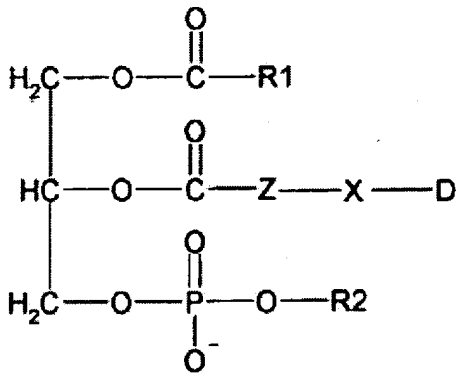
9. (Original) The compound according to claim 1, wherein R2 is selected from the group consisting of choline, ethanolamine, inositol and serine.

10. (Previously Presented) The compound according to claim 1 selected from the group consisting of:

1-Stearoyl-2-{3-[α-methyl-4-(2-methylpropyl)benzeneacetamido] propanoyl}-sn-glycero-3-phosphocholine, and

1-Stearoyl-2-{6-[α-methyl-4-(2-methylpropyl)benzeneacetamido] hexanoyl}-sn-glycero-3-phosphocholine.

11. (Previously Presented) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and, as an active ingredient, a compound of the general formula I



Formula I

or a pharmaceutically acceptable salt thereof, wherein:

R1 is a saturated or unsaturated hydrocarbon chain having from 2 to 30 carbon atoms;

R2 is a phospholipid head group;

D is a residue of ibuprofen, wherein D is attached through a functional group to a bridging group, -C(O)-Z-X- , wherein Z is a saturated or unsaturated hydrocarbon chain having from 3 to 15 carbon atoms, and X is an amino group.

12. (Previously Presented) The pharmaceutical composition according to claim 11, wherein -C(O)-Z-X-D is an inactive derivative of ibuprofen.

13. (Original) The pharmaceutical composition according to claim 11, wherein an ester bond at position sn-2 of the phospholipid of the general formula I is cleaveable by a lipase.

14. (Original) The pharmaceutical composition according to claim 13, wherein said lipase is a phospholipase.

15. (Original) The pharmaceutical composition according to claim 14, wherein said phospholipase is phospholipase A_2 (PLA_2).

16. (Original) The pharmaceutical composition according to claim 11, wherein R1 is an hydrocarbon chain having from 10 to 20 carbon atoms.

17. (Original) The pharmaceutical composition according to claim 11, wherein R1 is an hydrocarbon chain having 15 or 17 carbon atoms.

18. (Canceled)

19. (Original) The pharmaceutical composition according to claim 11, wherein R2 is selected from the group consisting of choline, ethanolamine, inositol and serine.

20. (Previously Presented) The pharmaceutical composition according to claim 11, wherein said compound of the general formula I is selected from the group consisting of:

1-Stearoyl-2-{3-[α-methyl-4-(2-methylpropyl) benzeneacetamido]propanoyl}-sn-glycero-3-phosphocholine, and

1-Stearoyl-2-{6-[α-methyl-4-(2-methylpropyl)benzeneacetamido] hexanoyl}-sn-glycero-3-phosphocholine.

21. (Previously Presented) The pharmaceutical composition according to claim 11, in the form of solutions, suspensions, capsules, tablets, aerosols, gels, ointments or suppositories.

22. (Previously Presented) The pharmaceutical composition according to claim 11 for oral, ocular, nasal, parenteral, topical or rectal administration.

23. (Original) The pharmaceutical composition according to claim 22 for oral administration.

24. (Original) The pharmaceutical composition according to claim 22 for nasal administration.

25. (Previously Presented) The pharmaceutical composition according to claim 11 for the treatment of a disease or disorder related to an inflammatory condition selected from the group consisting of arthritis, rheumatoid arthritis, asthma, psoriasis, systemic lupus erythematosus, inflammatory bowel syndrome, multiple sclerosis, Alzheimer's disease, Parkinson's disease, Huntington's disease, vascular dementia, epilepsy, migraines, stroke and trauma.

26-27. (Canceled).

28. (Withdrawn) A method for treatment of inflammation comprising administering to a patient in need thereof a therapeutically effective amount of a pharmaceutical composition according to claim 11.

29. (Withdrawn) The method for treatment of a disease or disorder related to an inflammatory condition comprising administering to a patient in need thereof a therapeutically effective amount of a pharmaceutical composition according to claim 11, wherein said disease or disorder related to an inflammatory condition is selected from the group consisting of arthritis, rheumatoid arthritis, asthma, psoriasis, systemic lupus erythematosus, inflammatory bowel syndrome, multiple sclerosis, Alzheimer's disease, Parkinson's disease, Huntington's disease, vascular dementia, epilepsy, migraines, stroke and trauma.

30. (Withdrawn) A process for the synthesis of compounds of the general formula I as defined in claim 1, comprising:

(i) providing a molecule y-X-Z-COOH, wherein y is selected from H and OH, Z is a saturated or unsaturated hydrocarbon chain having from 2 to 15 carbon atoms, and X is an amino group;

(ii) replacing y with an appropriate blocking group, B, selected from the group consisting of benzyl chloromate, benzyloxycarbonate, diphenylcarbinol and trimethylacetamidocarbinol;

(iii) preparing an anhydride of the molecule B-X-Z-COOH by employing a reagent to remove one molecule of water from two protected bridging groups;

(iv) acylating a lyso-lecithin by the anhydride of step (iii) to yield 1-acyl-2-acyl(X-B)-sn-glycero-3 phospholipid by dissolving said anhydride and said lyso-lecithin in an organic solvent in the presence of a catalyst;

(v) removing the blocking group B from the functional group X; and

(vi) coupling a nonsteroidal anti-inflammatory drug D comprising ibuprofen to the functional group X in an organic solvent in the presence of reagents that enable a condensation

reaction wherein water molecules are removed, thus, generating a molecule of the general Formula I.

31. (Withdrawn) The process according to claim 30 wherein the protected functional group X is -NH.

32. (Withdrawn) The process according to claim 30 wherein the phospholipid of step (iv) is phosphatidylcholine, phosphatidylethanolamine, phosphatidylinositol or phosphatidylserine.

33. (Canceled).

34. (Previously Presented) The compound according to claim 1, wherein R1 is a saturated hydrocarbon chain having from 10 to 20 carbon atoms.

35. (Previously Presented) The pharmaceutical composition according to claim 11, wherein R1 is a saturated hydrocarbon chain having from 10 to 20 carbon atoms.